

# Data Sheet

## Fujitsu CELVIN® NAS Server Q800 Storage

### Flexible and powerful 4-Drive NAS Solution

The FUJITSU CELVIN® NAS Server line is an all-in-one, high performance NAS server line. The CELVIN® NAS Server Q800 is the ideal solution for file sharing, end to end backup options and SAN (Storage Area Network) integration for SMB customers - enabling centralized data management at a reasonable price.

#### Business Server Feature

- Flexible usage, access and integration of the device and capacity
- Windows active directory support for centralized account information in complex organizations
- iSCSI target and initiator for simple and platform independent IP-capacity provision
- Multiple options for file management, remote access and database usage
- Outstanding file sharing possibility

#### Backup Management

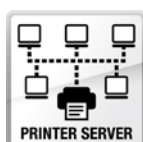
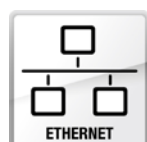
- Complete end to end backup concept
- Powerful PC backup software and Apple Time Machine support
- Encrypted remote replication
- Quick- touch USB copy for different destination folders
- Backup to external storage device or cloud storage

#### Multimedia Features

- Streaming of media files via iTunes, Twonky Media
- Comprehensive download features with BitTorrent Client

#### Reliability

- Service-friendly cabinet
- Top-up services are available



# CELVIN® NAS Server Q800

## Technical specifications

	Firmware based on 3.3.0 Processor: Intel® Atom™ D525 Memory: 1 GBB DDRIII RAM, 512 MB Flash on DOM FAN: 1 x quiet cooling fan (9cm)
Hard disk capacity	Up to 4 x 2.5-inch or 3.5-inch SATA I/II HDD
Hard disk type	SATA
Hard disk notes	24 x 7 Raid Edition drives on request
Required interface	USB 2.0 / eSATA / Ethernet
System controls	Power button, One-touch copy button, Alarm Buzzer (System Warning), Reset Button, Display mode button

## Software specification

Networking	TCP/IP (IPv4 /IPv6 dual stack), multi IP setting,LACP, Port trunking /NIC teaming: Balance-rr (Round-Robin), Active Backup, Balance XOR, Broadcast, IEEE 802.3ad, Balance-tlb (Adaptive, Transmit Load Balancing), Balance-alb (Adaptive Load Balancing) DHCP client, DHCP server, CIFS/SMB, AFP, NFS v3, HTTP, HTTPS, FTP,SFTP(admin), DDNS, NTP, Telnet, SSH, iSCSI, SNMP,WebDAV Dual Gigabit w/ Jumbo Frame, Bonjour iSCSI initiator for virtual disks (max 8 disks); stack chaining master Support for VMware VSphere (ESX / ESXi 4.0 and above) via NFS and iSCSI Windows Server 2008 support (Hyper-V & failover clustering) iSCSI target (with multi-LUNs per target) LUN mapping / LUN masking SCSI Primary Commands -3 (SPC-3) support / persistent reservation MC/S (multiple TCP connections / session) support to reach iSCSI target MPIO (multipath input output) for load balancing and failover
File System Management	Network share management '(max. 512 shares) Share folder level ACL support Unicode support Journaling file system Web File Manager
Disk Management	Disk usage status management; HDD S.M.A.R.T.; Bad blocks scan RAID 0/1/5/5+HS/6, JBOD, single disk Online RAID capacity expansion; online RAID-level migration RAID recovery, Bitmap support
User Management	User quota management Windows Active Directory support, max. 10k users User account management (max. 4096users) User group management (max. 512 groups) Shared folders (max. 512) Concurrent connections (max. 256) Support batch creating users

**Software specification**

<b>System Tools</b>	E-mail alert (SMTP authentication); SMS alert notification Disk usage alert HDD standby mode Automatic power on after power loss Schedule power on/ off System firmware upgrade Wake-on-LAN Smart fan setting Back up, restore, reset system settings Configurable management port Policy-based unauthorized IP blocking Secure remote login by SSH connection Import SSL certificate Remote login by Telnet connection USB, SNMP UPS support Network recycle bin
<b>Event Logs</b>	Complete system logs (file level): system events management, connection logs, current connection of on-line users
<b>Multilingual (Online) Support</b>	English, German, further manual languages on request
<b>FTP Server</b>	FTP remote access (max. 32 concurrent connections) FTP with SSL/ TLS (explicit) mode FTP bandwidth control and connection control Passive FTP port range control FXP support
<b>Printer Server</b>	USB printer network sharing (Windows / Mac)
<b>Remote Replication</b>	Encrypted block-level remote replication (instant, scheduled backup management); synchronization mode/Rsync
<b>Web Server</b>	Built-in editable php.ini, SQLite and MySQL
<b>MySQL Server</b>	MySQL database server
<b>Surveillance Station</b>	4 x IP cameras for network surveillance IP camera finder software and configuration
<b>Media Server</b>	UPnP/DLNA (1.5) Twonky Media (5.1) iTunes server DLNA support for Xbox360 and PS3 Multimedia station features
<b>Download Station</b>	BitTorrent (FTP/ HTTP scheduled download) Support of TCP/ UDP tracker protocol, distributed hash table/DHT Up to 500 BT download tasks Download configuration / download status list

**Interfaces**

<b>USB</b>	Rear side: 4x USB2.0 ( Device class: Printer, mass storage, hub, UPS, pen-drive )
<b>eSATA</b>	2 x (rear / SATA)

**Supported formats**

<b>Video formats</b>	(Media Server): wmv, asf, vdr, avi, xvid, divx, flv, mpg, mpe, mts, m2ts, m2t, mpeg, spts, m2p, m2v, mp2t, mp2p, mpg2, dvr-ms
<b>Music formats</b>	(Media Server): mp3, mp4, m4a, m4b, 3gp, apl, ac3, m1v, m4v, mov, aac, amr, awb, wav, pcm, lpcm, mp1, mp2, aif, aiff, aifc, snd, wma, ogg, flac; Internet Radio (Media Server): vTuner, Shoutcast
<b>Picture formats</b>	Media Server): jpg, jpe, jpeg, tiff, tif, gif, png, bmp
<b>Supported file system</b>	EXT4 (internal/external HDD) NTFS (external HDD) FAT32 (external HDD) EXT3 (internal/external HDD) HFS+ (external HDD)

**Electrical values**

<b>Power consumption</b>	WoL mode: 1W    Sleep mode: 21W    Operation mode: 37 W
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**Electrical values**

Power supply input	Internal power supply 250W 50-60Hz Input: 100-240V AC
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**Compliance**

Europe	CE
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USA/Canada	FCC Class A
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Compliance link	<a href="https://sp.ts.fujitsu.com/sites/certificates/default.aspx">https://sp.ts.fujitsu.com/sites/certificates/default.aspx</a>
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**Dimensions / Weight / Environmental**

Dimensions (W x D x H)	180 x 235 x 177 mm
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Weight	Net weight: 3.65 kg, Gross weight: 4.65 kg; Package incl. System w/o HDD: 5,75 kg
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Operating ambient temperature	0 - 40°C
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**Package content**

CELVIN NAS Server Q800; Power Cord, CD, LAN cable, Key for tray lock, trays, Quick Start Guide, Service flyer
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**Order information**

S26341-F103-L800	EAN: 4049699380747	station without hard disks
S26341-F103-L842	EAN: 4049699380792	4 x 2 TB
S26341-F103-L840	EAN: 4049699380761	4 x 1TB
S26341-F103-L822	EAN: 4049699380785	2 x 2TB
S26341-F103-L820	EAN: 4049699380754	2 x 1TB

# More information

## Fujitsu platform solutions

In addition to Fujitsu CELVIN® NAS Server Q800, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

### Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

### Computing Products

[www.fujitsu.com/global/services/computing/](http://www.fujitsu.com/global/services/computing/)

### Software

[www.fujitsu.com/software/](http://www.fujitsu.com/software/)

## More information

Learn more about Fujitsu CELVIN® NAS Server Q800, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.  
<http://ts.fujitsu.com/accessories>

## Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.

Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT.

Please find further information at <http://www.fujitsu.com/global/about/environment/>



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